

Conditional Operator (? :):

Conditional operators return a **true** or a **false** value based on the state of the variables i.e. the operations using conditional operators are performed between the two boolean expressions.

Conditional operator is also known as the ternary operator. This operator consists of three operands and is used to evaluate Boolean expressions. The goal of the operator is to decide which value should be assigned to the variable.

The operator is written as:

variable x =(expression)? value iftrue: value iffalse

Symbol	Name of the Operator
&	AND
&&	Conditional-AND
	OR
	Conditional-OR
!	NOT
? :	Ternary (shorthand for if-then-else statement)

For Example:

```
public class Test
{
    public static void main(String args[]){
        int a , b;
        a =10;
        b =(a ==1)?20:30;
        System.out.println("Value of b is : "+ b );
        b =(a ==10)?20:30;
        System.out.println("Value of b is : "+ b );
    }
}
```

Out Put Screen

Value of b is: 30

Value of b is: 20